Comp/Edit 5310 phototypesetter

Actual, unretouched photo of Comp/Edit screen.

System features

- ☐ 12″ CRT screen displays 12 text lines and 2-line revolving function field.
- ☐ Scrolling up and down.
- ☐ Up to 256 character display repertoire.
- ☐ Full editing and correcting capability.
- ☐ Three automatic search fields.
- ☐ Automatic global search and replace.
- ☐ Block move capability.
- ☐ Functions displayed at half-intensity.
- ☐ Floppy disk stores up to 300,000 characters.
- ☐ Automatic file directory, displays file names.
- ☐ Merge file capability.
- ☐ Format storage.
- ☐ Storage and automatic insertion of repetitive alphanumerics and/or commands.
- ☐ Typewriter-oriented keyboard.
- ☐ Three function-control keypads.
- ☐ Operator-selection of justification mode and justification parameters.
- ☐ Exception dictionary.
- ☐ Automatic compensation for tight lines.
- ☐ Automatic ragged composition.
- ☐ White space reduction and addition.
- ☐ Automatic kerning of operator-selectable character combinations; manual kerning of other combinations.
- ☐ Foreground/background operation.
- ☐ Automatic tabular composition.
- ☐ Automatic insertion of horizontal leaders and rules.
- ☐ Automatic insert space.
- ☐ 138 type sizes, 4 type styles on-line.
- ☐ Unlimited mixing of all 552 on-line fonts.
- ☐ 70-pica maximum line length.
- ☐ 16″ reverse leading; automatic baseline positioning.
- ☐ 50-70 lines per minute speed permits input from multiple off-line sources.

Options

- ☐ Auxiliary reader for perforated tape input.
- ☐ Word processing input by automatic conversion of disk from AM Jacquard word processors.
- ☐ General Purpose Interface Port.
- ☐ Dual magnetic disks store up to 600,000 characters.
- ☐ Telecommunications capability for bi-directional communication with remote phototypesetters, word processors, and computers.
- ☐ Proof printer for high-speed production of plain-paper proof before typeset output.

AM Varityper

Comp/Edit 5310
phototypesetter

SPECIFICATIONS

Configuration: Stand-alone phototypesetting system: keyboard, video display, 80K all-RAM memory, magnetic disk storage/retrieval, photo unit.

Keyboard: 49 typewriter-oriented keys, three auxiliary keypads for editing, data management, typographic control.

VIDEO DISPLAY

Screen size: 12″ distortion-free CRT; displays characters equivalent to 18-pt. type with space for accents above upper and lower case characters; green characters on black background; command functions displayed at half-intensity.

Screen text capacity: 12 lines; up to 64 characters per screen line; up to 768 characters total screen capacity.

Function field: Two lines; revolving display of job status.

Character set: Up to 256 upper and lower case alphanumeric characters, function and diagnostic symbols.

Scrolling: Up/down; up to 8,000 characters.

Cursor: Character-size rectangle; unrestricted movement left, right, up, down, home; single and continuous stepping.

Editing: Insert; move; delete of character, word, line, block; overstrike of individual character.

Search: 3 automatic search fields; two by alphanumeric and/or function combinations up to 8 characters; one global search with automatic replace up to 256 characters; multiple searches operator programmed.

Data storage: Up to 99 programmable data storage areas; alphanumerics and/or commands stored and automatically inserted.

COMPUTER MANAGED STORAGE/RETRIEVAL

Storage: Magnetic disk drive; random access magnetic disks; 240 variable length files per disk; 300,000 characters per disk.

Filing system: Each file automatically indexed by file name of up to eight alphanumeric characters.

File directory: File names on disk displayed by operator command.

PHOTO UNIT

Type sizes: 138 on-line type sizes from 5½ to 74 pts. including all whole and half-point sizes; unlimited mixing.

Type styles: Four type styles on-line; unlimited mixing.

Characters: 448 characters on-line.

Character widths: Pre-programmed on type disc; automatically loaded.

Line length: 70-picas maximum in all sizes.

Line spacing (leading): Primary and secondary spacing from 0 to 99½ pts. in ½-pt. increments; also +1 pt. and -1 pt. single-key function, and zero line spacing.

Reverse/advance feed: Up to 16″ in ½-pt. increments; ½ pt. to 999½ pts. per feed.

Reverse carriage: Allows copy to be positioned to left of established left margin.

Output speed: 50 lines per minute (based on 11-pica line, 9-point type); 70 lines per minute proof mode.

Imaging material: Film, grade S paper, or resin coated paper; width to 12″.

SYSTEM FUNCTIONS

Justification: Operator selection of mode; automatic hyphenation with full hyphenation logic, exception dictionary, and discretionary hyphenation; automatic hyphenless; manual. Programmable standards table.

Justification space control: Min./max. allowable justifying word space; max. allowable letterspace expansion; values operator programmable.

Rejustification: Automatic rejustification after editing or entry of new parameters.

Copy positioning: Flush left, right, and centering; automatic by keyboard command.

Mortise: By keyboard command in ½-unit increments; stored value from ½ to 99½-units.

Automatic kerning: Operator-selectable character pairs automatically kerned in ½-unit increments from ½ to 9½ units.

White space control: Reduction and addition of letterspace from ⅛-unit to over 12 units in ⅛-unit increments.

No flash: No-print function for copyfitting purposes.

Zero width: Set characters without escapement for special effects such as overlapping and floating accents.

Tabular composition: Up to 20 tabs within overall measure; copy may be justified, flush left, right, or centered within tabs; each tab can contain separate auto-indent, size, font, line length, copy positioning instructions.

Indent: Automatic indent left, right, center, and hanging.

Ragged composition: Automatic left, right, and center; can be reset to new line endings automatically after entry of new parameters.

Leaders and rules: Automatic insertion of any selected flashable character as horizontal leader or rule; and any selected width value.

Insert space: Automatic insertion of white space (up to 256 insertions per line).

Repeat copy: Automatic repeat of any line/block as many times as required.

Line length remaining indicator: Shows line length remaining in units.

Page depth indicator: Shows accumulation of line spacing in points.

Options:

- ☐ Automatic conversion of disks from AM Jacquard word processing systems.
- ☐ General Purpose Interface Port.
- ☐ Languages: unit can be configured for any one of many available languages.
- ☐ Dual magnetic disk drives.
- ☐ Telecommunications capability.
- ☐ Proof printer.

Electrical: 115V AC 60Hz; 7.5 amps. UL listed, CSA approved.

Environmental requirements: Ambient temperature 50°-90°F; relative humidity 10% to 90%.

BTU/Hr: Approximately 2,360.

Dimensions:	photo unit only	assembled
height	29½″	45″
width	26″	56″
depth	51″	51″
weight		570 lbs.

Specifications subject to change without notice.
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Composed on a Comp/Edit phototypesetter
Litho in USA A81-8